

WHAT IS CLAIMED:

1. A camera system comprising:

a radio communication medium and a camera  
communicable with said radio communication medium  
within a predetermined distance,

5       said camera comprising:

an image pickup part for obtaining image data by  
photographing a subject;

a storing part for storing information peculiar to  
a user of said camera;

10       a radio communication medium reading part for  
transmitting a predetermined radio signal and reading  
information from the radio communication medium;

an authorization part for authorizing the camera  
user by collating information read at the radio  
15       communication medium reading part with the camera  
user's own information stored in the storing part; and

a record part for recording information related to  
the camera user authorized at the authorization part  
while connecting said information related to the camera  
20       user with the image data photographed at the image  
pickup part, and

said radio communication medium comprising:

a storing part for storing predetermined  
information; and

25       a transmission part for receiving the

predetermined radio signal transmitted from the radio communication medium reading part of the camera and transmitting the predetermined information stored in the storing part as a radio signal.

2. The camera system according to claim 1, wherein said camera further comprises:

a radio communication medium writing part;

a random number generating part;

5 an updating part for updating the camera user's own information stored in the storing part; and

a processing part for performing a series of processing in which random numbers generated by the random number generating part are obtained, information  
10 based on the random numbers is transmitted to the radio communication medium side for being recorded in the radio communication medium, employing the radio communication medium writing part, and the camera user's own information stored in the storing part is  
15 updated, employing the updating part when the camera user is authorized by the authorization part.

3. The camera system according to claim 1, wherein said camera further comprises:

an input part by which the user of said camera requires that authorization processing of the camera  
5 user is started; and

a control part for supplying power to said radio communication medium reading part when said authorization processing of the camera user is required through said input part so that said authorization  
10 processing of the camera user is performed by the authorization part and finishing supplying power to said radio communication medium reading part after a predetermined time passes.

4. The camera system according to claim 1, wherein said camera further comprises a record part creating and recording information showing that the camera user is unclear on a header part of image data  
5 photographed at the image pickup part of the camera when authorization of the camera user by the authorization part is failed.

5. The camera system according to claim 1, wherein said camera further comprises a control part for controlling so that photographing using the camera is not performed until authorization of the camera user  
5 succeeds by the authorization processing part.

6. The camera system according to claim 1, wherein said camera further comprises:

an entry processing and entry cancellation processing part of the camera user; and

5           a control part for controlling so that entry  
processing and entry cancellation processing of the  
camera user can be performed by the entry processing  
and entry cancellation processing part only when  
a predetermined camera user is authorized by the  
10 authorization processing part.

7. The camera system according to claim 1, wherein  
said camera further comprises a switching part  
selectively switching a first mode in which information  
showing that the camera user is unclear on a header  
5 part of image data photographed at the image pickup  
part of the camera is created and recorded in said  
record part when authorization of the camera user by  
the authorization part is failed and a second mode in  
which control is executed by the control part so that  
10 photographing using the camera is not performed until  
authorization of the camera user by the authorization  
processing part succeeds.

8. The camera system according to claim 1, wherein  
said radio communication medium comprises information  
peculiar to the camera corresponding to said camera  
user's own information as said predetermined  
5 information stored in said storing part, and said  
camera comprises said camera's own information as  
information stored in said storing part.

9. The camera system according to claim 1, wherein said radio communication medium comprises information peculiar to a group jointly using the camera corresponding to said camera user's own information as  
5 said predetermined information stored in said storing part, and said camera comprises the information peculiar to the group jointly using the camera as information stored in said storing part.

10. The camera system according to claim 1, wherein said camera further comprises  
a control part for controlling so that when a part of information peculiar to a group using said camera  
5 coincides by collating information read at said radio communication medium reading part with the camera user's own information stored in said storing part in said authorization processing part, photographing using the camera becomes possible, and when it does not  
10 coincide, photographing using the camera becomes impossible.

11. The camera system according to claim 1, wherein said camera further comprises a control part for controlling so that the directivity of the electromagnetic wave transmitted from said radio  
5 communication medium reading part becomes high.

12. A camera system comprising:

a radio communication medium in the side of  
a subject and a camera communicable with said radio  
communication medium within a predetermined distance,

5       said camera comprising:

an image pickup part for obtaining image data by  
photographing the subject;

a radio communication medium reading part for  
transmitting a predetermined radio signal and reading  
10 information from the radio communication medium;

an information maintenance part for temporarily  
maintaining information from said radio communication  
medium of the side of the subject read at the radio  
communication medium reading part as information  
15 peculiar to said subject; and

an information record part recording for, while  
relating to a file of image data photographed,  
information peculiar to the subject maintained in  
said information maintenance part when an image is  
20 photographed employing said image pickup part, and

said radio communication medium comprising:

a storing part for storing predetermined  
information containing said subject's own information;  
and

25 a transmission part for receiving said  
predetermined radio signal transmitted from the radio  
communication medium reading part of the camera and

transmitting the predetermined information stored in the storing part as a radio signal.

13. The camera system according to claim 12, wherein said camera further comprises

a radio communication medium writing part;

a random number generating part;

5 an updating part for updating the camera user's own information stored in the storing part; and

a processing part for performing a series of processing in which random numbers generated by the random number generating part are obtained, information  
10 based on the random numbers is transmitted to the radio communication medium side for being recorded in the radio communication medium, employing the radio communication medium writing part, and the camera user's own information stored in the storing part is  
15 updated, employing the updating part when the camera user is authorized by the authorization part.

14. A camera system comprising:

a radio communication medium in the side of a camera user, a radio communication medium in the side of a subject, and a camera communicable with each said  
5 radio communication medium within a predetermined distance,

said camera comprising:

an image pickup part for obtaining image data by photographing the subject;

10       a storing part for storing in advance information peculiar to said camera user;

          a subject information acquisition mode setting part setting said camera to a mode for acquiring information peculiar to said subject;

15       a radio communication medium reading part for transmitting a predetermined radio signal and reading information from each said radio communication medium;

          an authorization part for authorizing the camera user by collating information from the radio  
20   communication medium of the camera user side read at the radio communication medium reading part with the camera user's own information stored in the storing part;

          an information maintenance part for temporarily  
25   maintaining information from said radio communication medium of the subject side read at the radio communication medium reading part as information peculiar to said subject; and

          an information record part for recording,  
30   while relating to a file of image data photographed, said subject's own information maintained in said information maintenance part along with information related to the camera user authorized at said authorization part when an image is photographed



35 employing said image pickup part in the case in which  
said subject information acquisition mode is set  
employing said subject information acquisition mode  
setting part, and

each said radio communication medium comprising:

40 a storing part for storing predetermined  
information containing said camera user's own  
information or said subject's own information; and  
a transmission part for receiving said  
predetermined radio signal transmitted from the radio  
45 communication medium reading part of the camera and  
transmitting the predetermined information stored in  
the storing part as a radio signal.

15. The camera system according to claim 14,  
wherein said camera further comprises

a radio communication medium writing part;

a random number generating part;

5 an updating part for updating the camera user's  
own information stored in the storing part; and

a processing part for performing a series of  
processing in which random numbers generated by the  
random number generating part are obtained, information  
10 based on the random numbers is transmitted to the radio  
communication medium side for being recorded in the  
radio communication medium, employing the radio  
communication medium writing part, and the camera

user's own information stored in the storing part is  
15 updated, employing the updating part when the camera  
user is authorized by the authorization part.